

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111423\
 Data File : VX038815.D
 Acq On : 14 Nov 2023 18:39
 Operator : JC/MD
 Sample : 05382-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S-13

Quant Time: Nov 15 14:45:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 14 09:15:55 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	97443	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	188745	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	193838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107934	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	63391	45.727	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.460%
35) Dibromofluoromethane	5.385	113	58194	44.879	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.760%
50) Toluene-d8	8.647	98	228945	47.667	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.340%
62) 4-Bromofluorobenzene	11.079	95	107401	53.482	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.960%

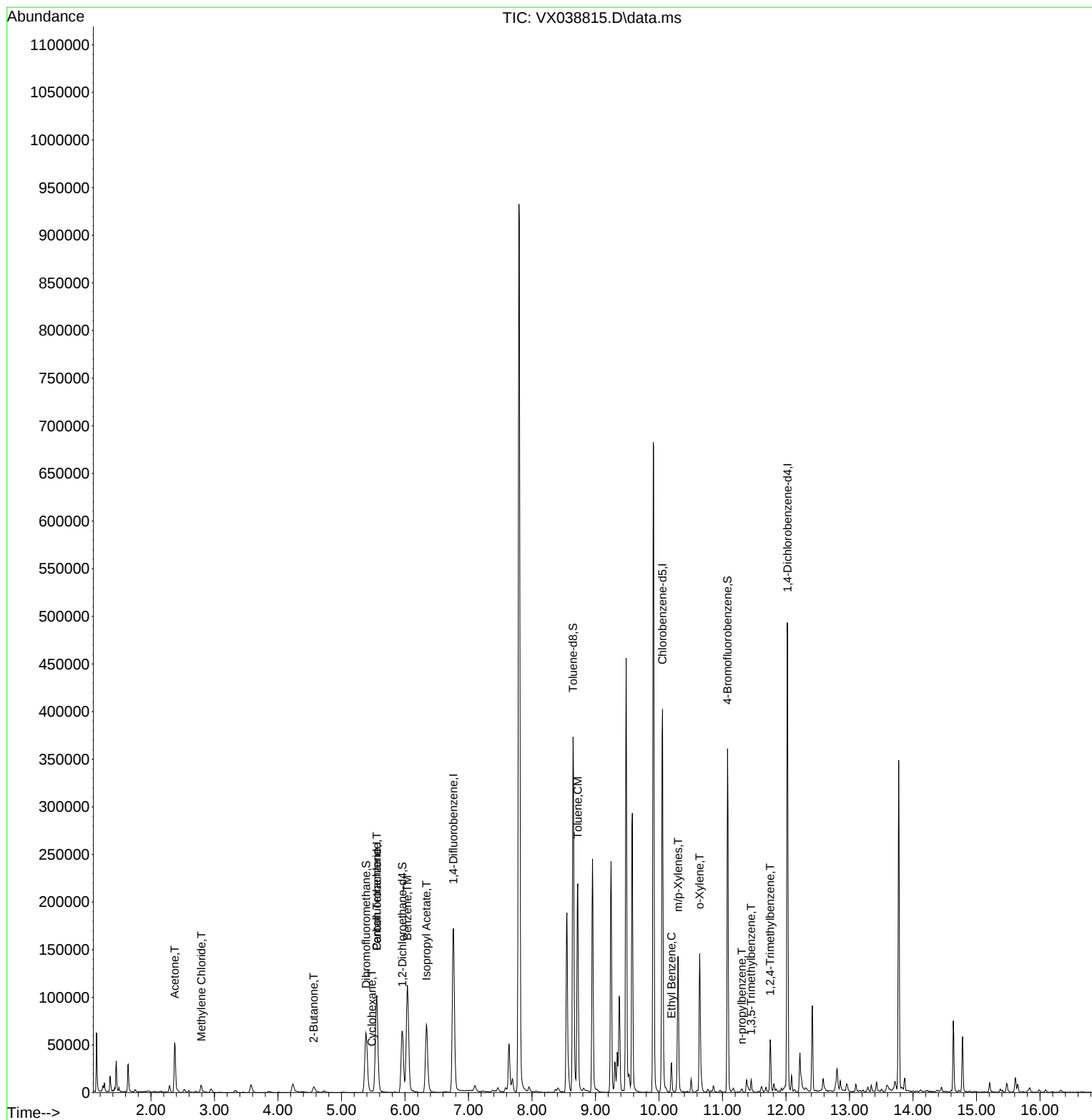
Target Compounds						Qvalue
16) Acetone	2.374	43	53877	72.528	ug/l #	87
20) Methylene Chloride	2.794	84	3865	2.782	ug/l #	84
25) 2-Butanone	4.562	43	8721	7.900	ug/l	92
31) Cyclohexane	5.477	56	947m	0.502	ug/l	
38) Carbon Tetrachloride	5.556	117	9870	5.857	ug/l #	15
40) Benzene	6.038	78	141146	26.663	ug/l	98
43) Isopropyl Acetate	6.336	43	97869	31.080	ug/l	94
52) Toluene	8.720	92	88092	26.937	ug/l	100
67) Ethyl Benzene	10.195	91	18470	2.621	ug/l	99
68) m/p-Xylenes	10.299	106	33321	12.401	ug/l	99
69) o-Xylene	10.640	106	19862	7.618	ug/l	95
78) n-propylbenzene	11.305	91	2439	0.272	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	5651	0.876	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	21670	3.345	ug/l	79

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111423\
Data File : VX038815.D
Acq On : 14 Nov 2023 18:39
Operator : JC/MD
Sample : 05382-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S-13

Quant Time: Nov 15 14:45:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111423W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 14 09:15:55 2023
Response via : Initial Calibration

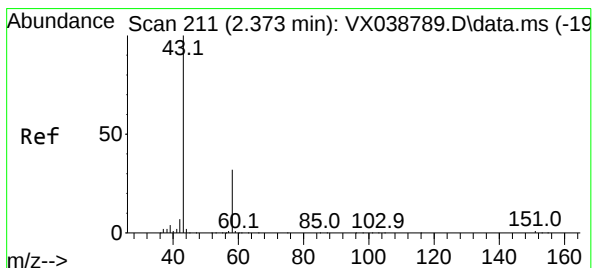
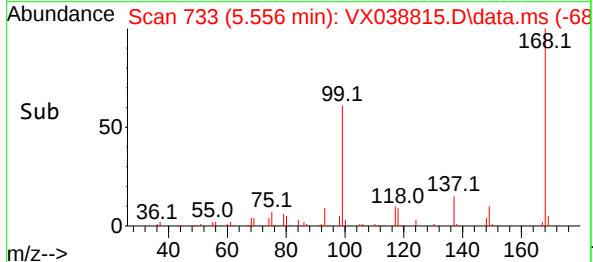
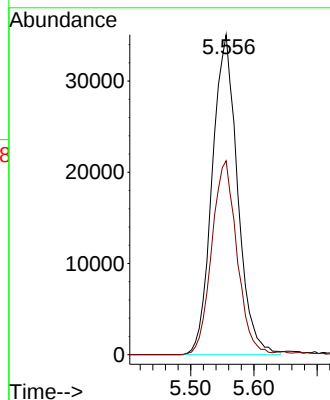
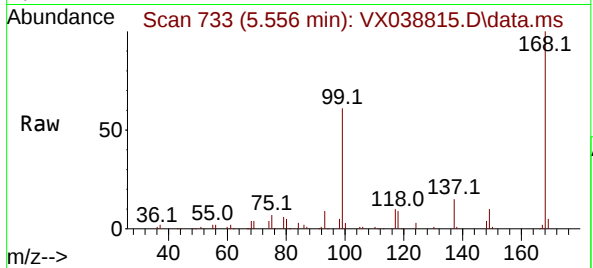




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038815.D
Acq: 14 Nov 2023 18:39

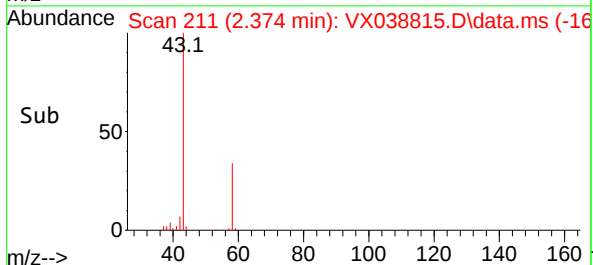
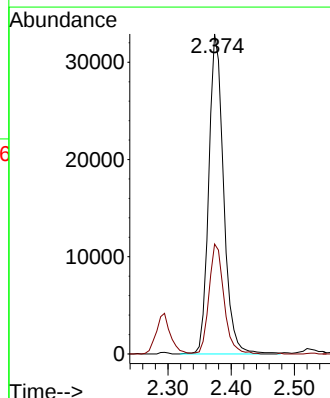
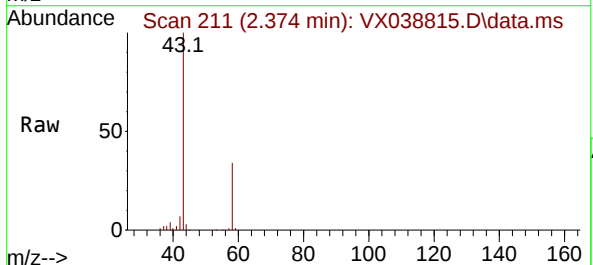
Instrument :
MSVOA_X
ClientSampleId :
S-13

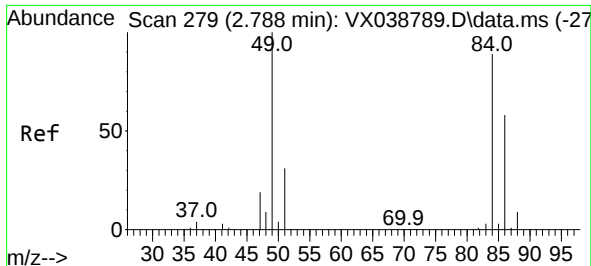
Tgt Ion:168 Resp: 97443
Ion Ratio Lower Upper
168 100
99 60.6 56.6 85.0



#16
Acetone
Concen: 72.528 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX038815.D
Acq: 14 Nov 2023 18:39

Tgt Ion: 43 Resp: 53877
Ion Ratio Lower Upper
43 100
58 34.1 21.9 32.9#

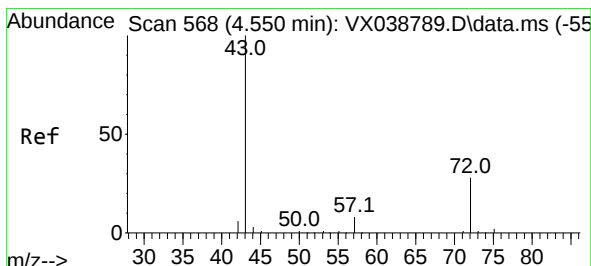
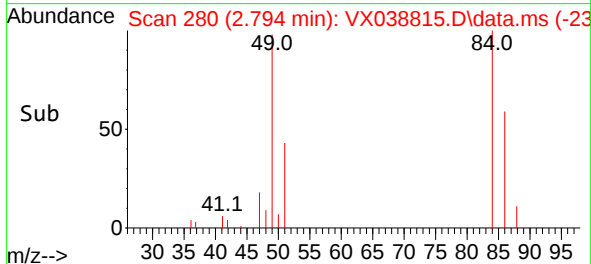
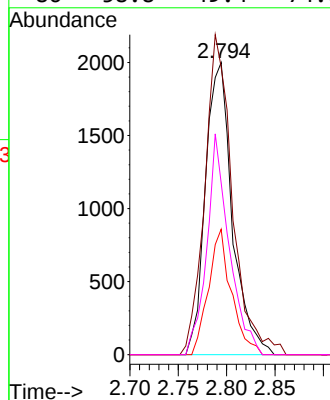
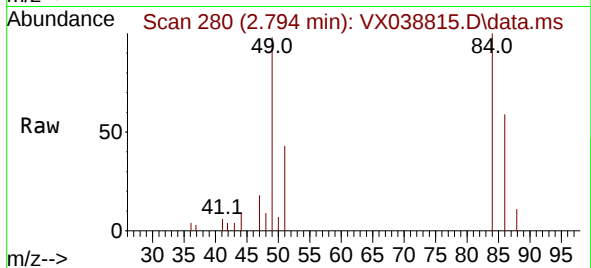




#20
Methylene Chloride
Concen: 2.782 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038815.D
Acq: 14 Nov 2023 18:39

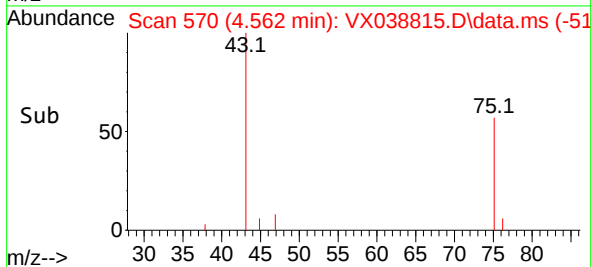
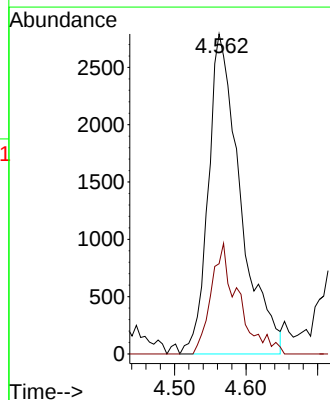
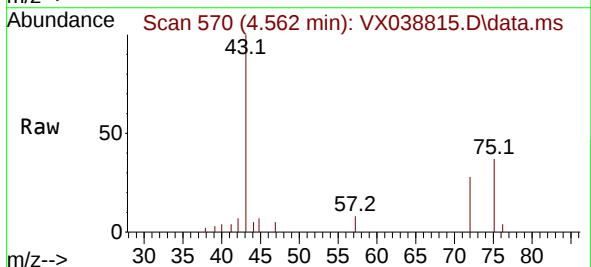
Instrument :
MSVOA_X
ClientSampleId :
S-13

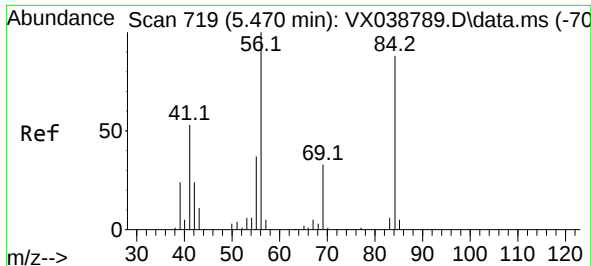
Tgt Ion:	84	Resp:	3865
Ion	Ratio	Lower	Upper
84	100		
49	98.4	103.6	155.4#
51	42.9	33.8	50.6
86	58.8	49.4	74.0



#25
2-Butanone
Concen: 7.900 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.012 min
Lab File: VX038815.D
Acq: 14 Nov 2023 18:39

Tgt Ion:	43	Resp:	8721
Ion	Ratio	Lower	Upper
43	100		
72	28.2	19.4	29.2

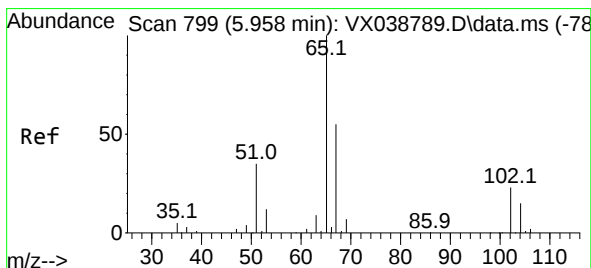
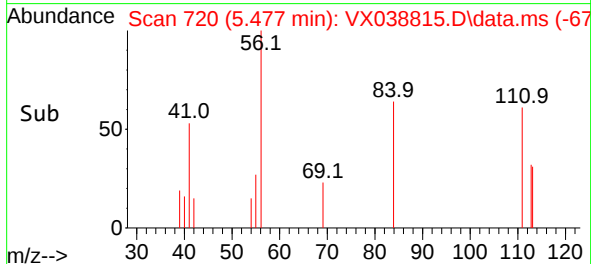
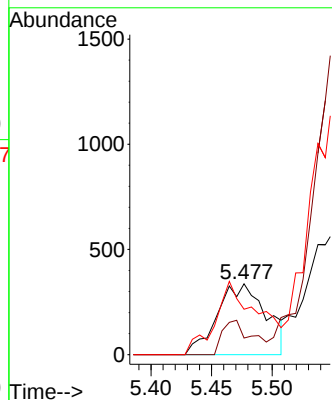
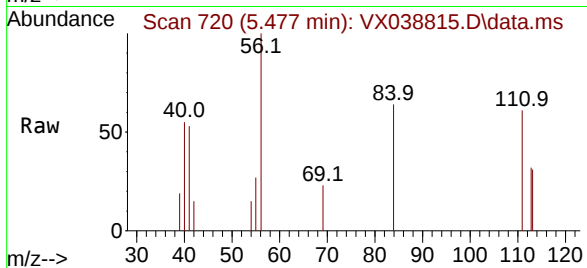




#31
Cyclohexane
Concen: 0.502 ug/l m
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX038815.D
Acq: 14 Nov 2023 18:39

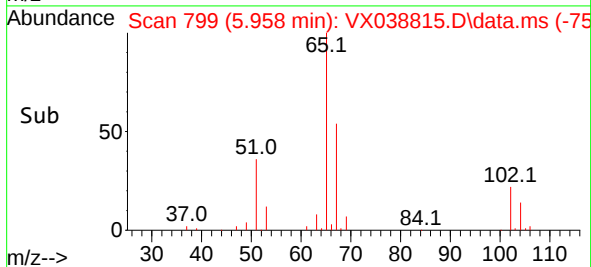
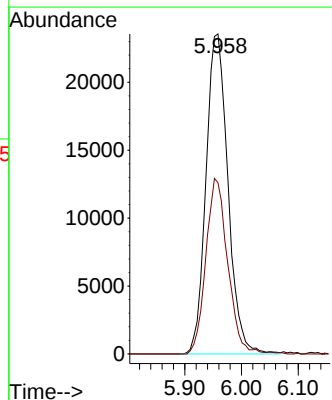
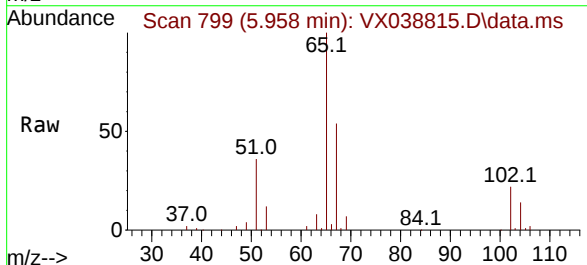
Instrument :
MSVOA_X
ClientSampleId :
S-13

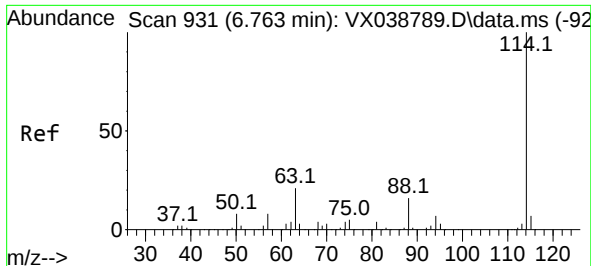
Tgt Ion: 56 Resp: 947
Ion Ratio Lower Upper
56 100
69 23.4 23.4 35.2
84 64.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.727 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038815.D
Acq: 14 Nov 2023 18:39

Tgt Ion: 65 Resp: 63391
Ion Ratio Lower Upper
65 100
67 54.3 0.0 100.2

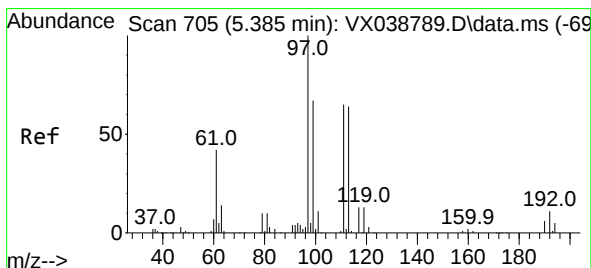
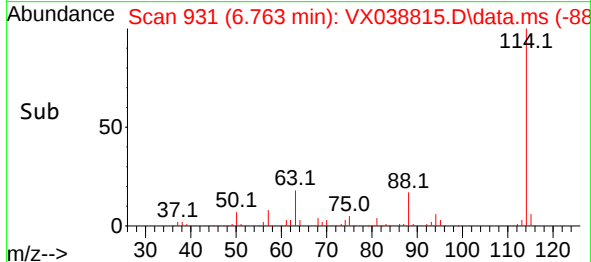
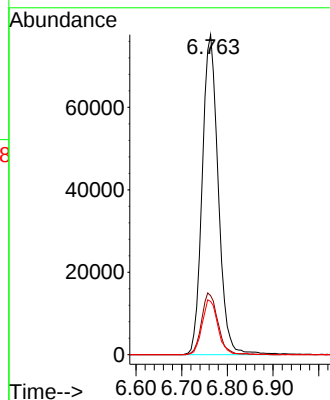
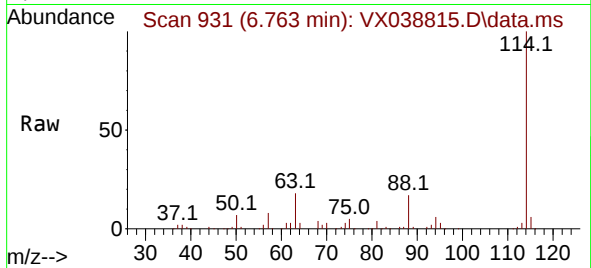




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX038815.D
Acq: 14 Nov 2023 18:39

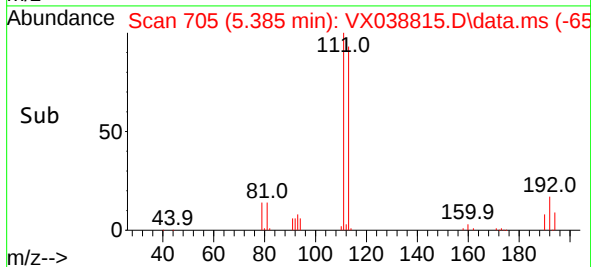
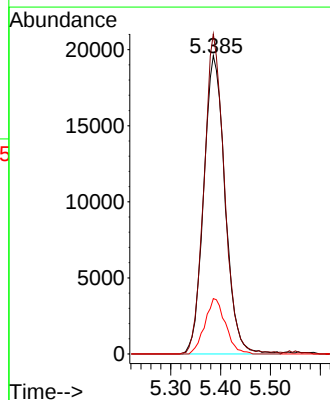
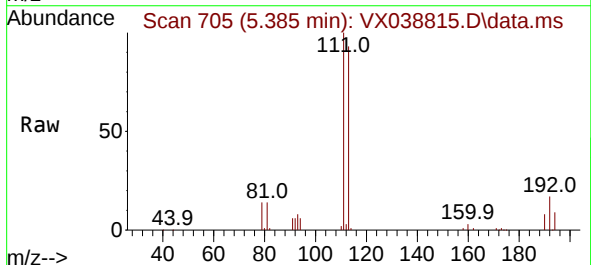
Instrument :
MSVOA_X
ClientSampleId :
S-13

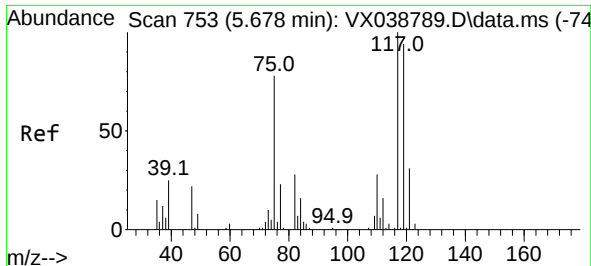
Tgt Ion:114 Resp: 188745
Ion Ratio Lower Upper
114 100
63 18.5 0.0 45.0
88 16.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.879 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038815.D
Acq: 14 Nov 2023 18:39

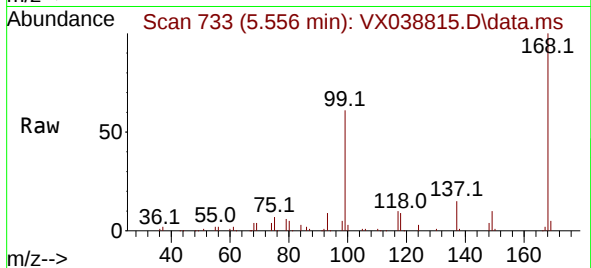
Tgt Ion:113 Resp: 58194
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 18.0 13.3 19.9



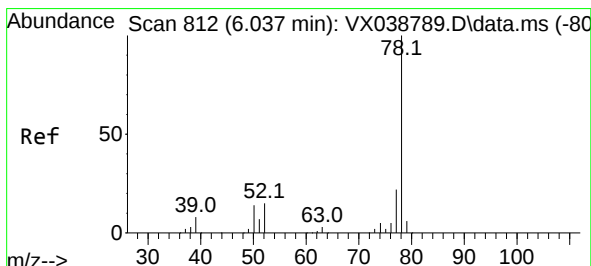
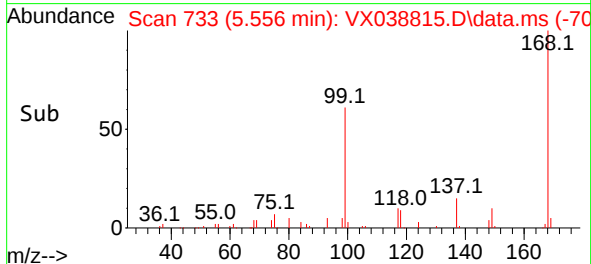
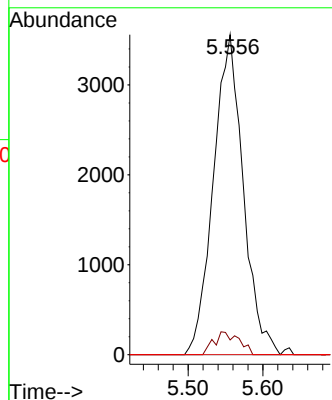


#38
Carbon Tetrachloride
Concen: 5.857 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX038815.D
Acq: 14 Nov 2023 18:39

Instrument :
MSVOA_X
ClientSampleId :
S-13

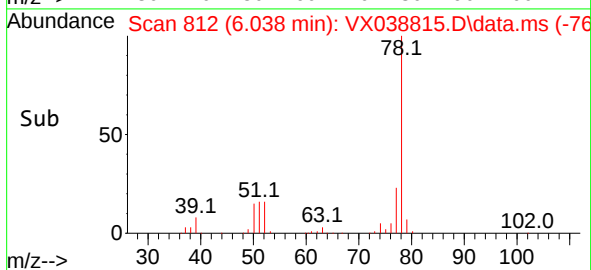
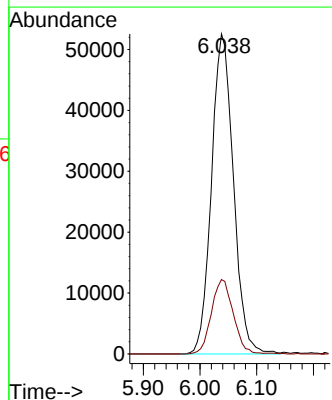
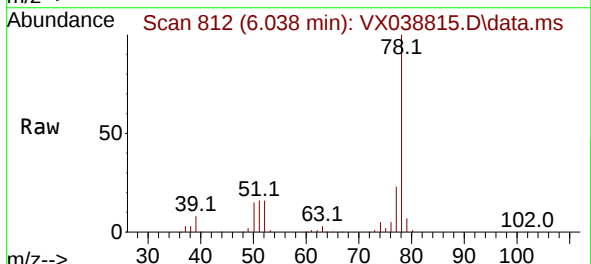


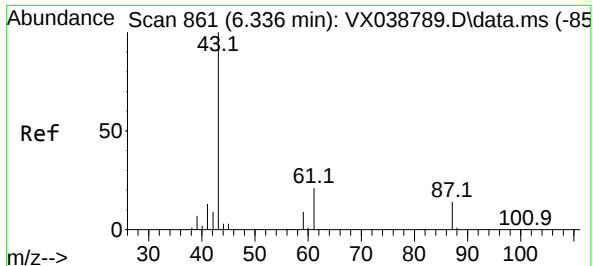
Tgt Ion:117 Resp: 9870
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.4 36.6#



#40
Benzene
Concen: 26.663 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX038815.D
Acq: 14 Nov 2023 18:39

Tgt Ion: 78 Resp: 141146
Ion Ratio Lower Upper
78 100
77 23.3 19.3 28.9

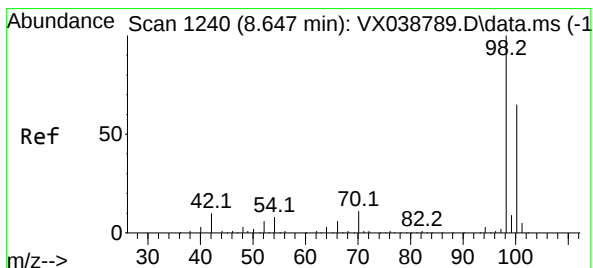
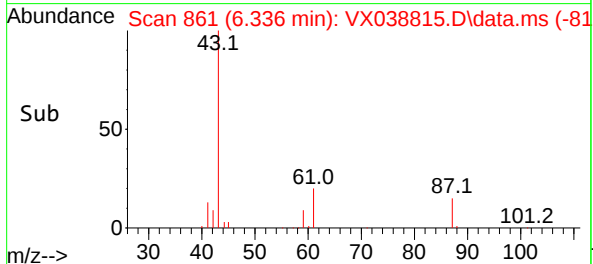
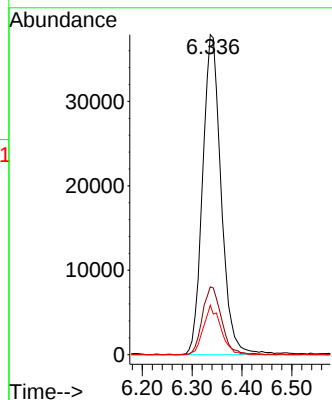
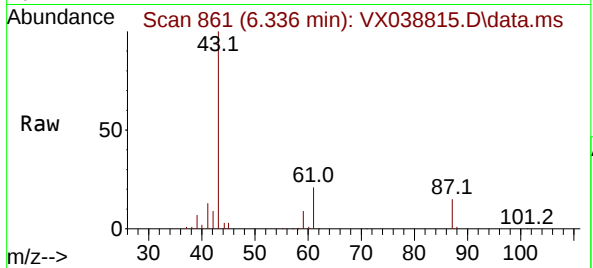




#43
Isopropyl Acetate
Concen: 31.080 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX038815.D
Acq: 14 Nov 2023 18:39

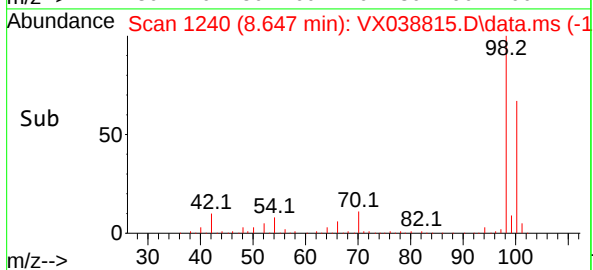
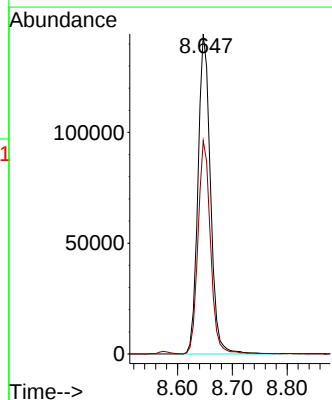
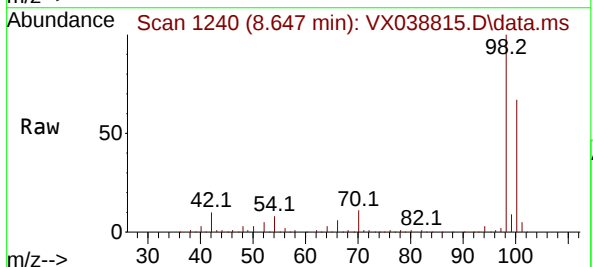
Instrument :
MSVOA_X
ClientSampleId :
S-13

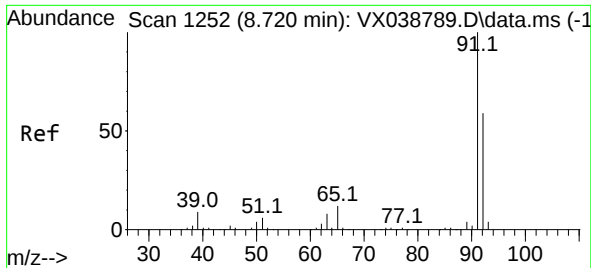
Tgt Ion: 43 Resp: 97869
Ion Ratio Lower Upper
43 100
61 21.8 15.2 22.8
87 14.5 9.8 14.6



#50
Toluene-d8
Concen: 47.667 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038815.D
Acq: 14 Nov 2023 18:39

Tgt Ion: 98 Resp: 228945
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7

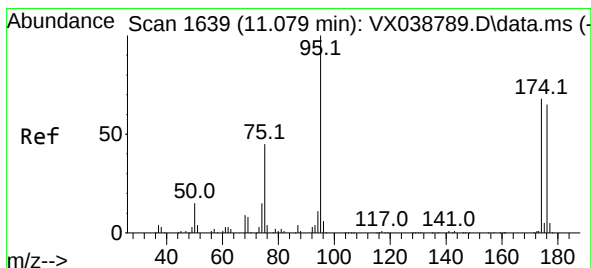
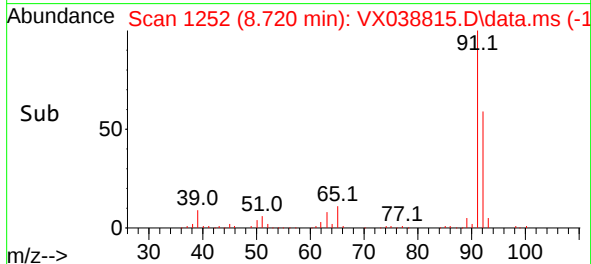
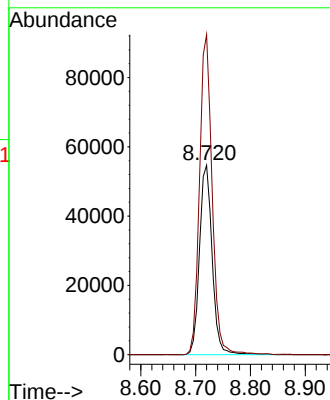
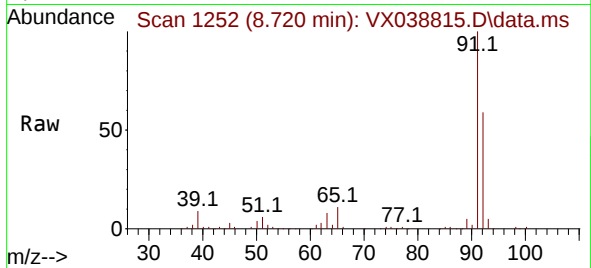




#52
Toluene
Concen: 26.937 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038815.D
Acq: 14 Nov 2023 18:39

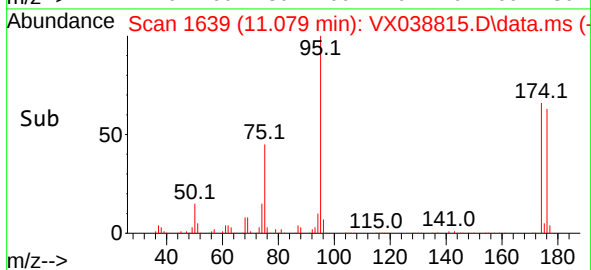
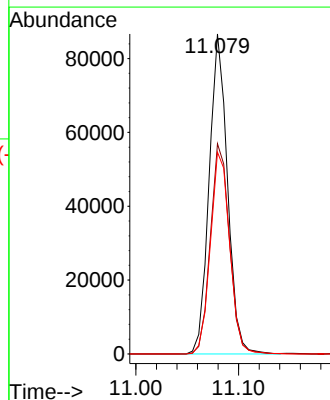
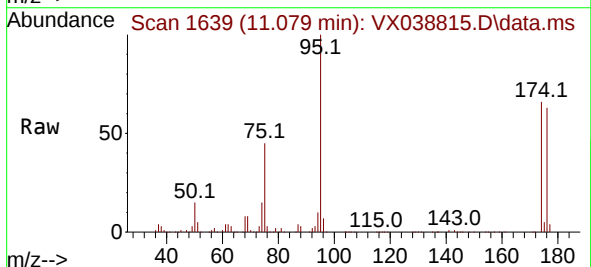
Instrument :
MSVOA_X
ClientSampleId :
S-13

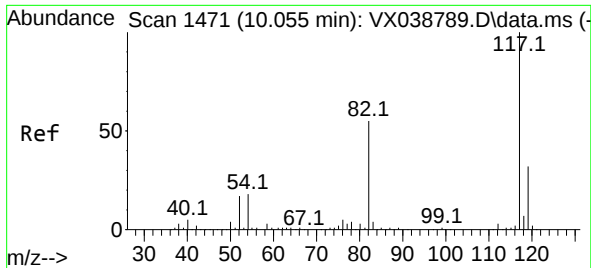
Tgt Ion: 92 Resp: 88092
Ion Ratio Lower Upper
92 100
91 168.3 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 53.482 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038815.D
Acq: 14 Nov 2023 18:39

Tgt Ion: 95 Resp: 107401
Ion Ratio Lower Upper
95 100
174 68.3 0.0 135.6
176 66.2 0.0 131.0

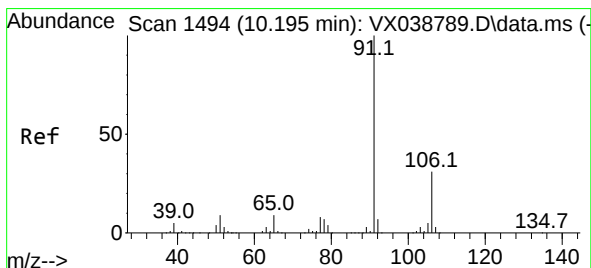
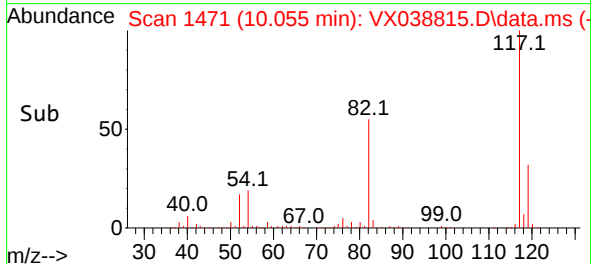
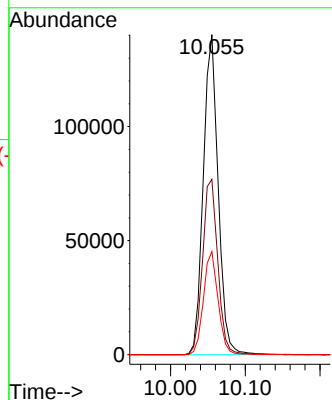
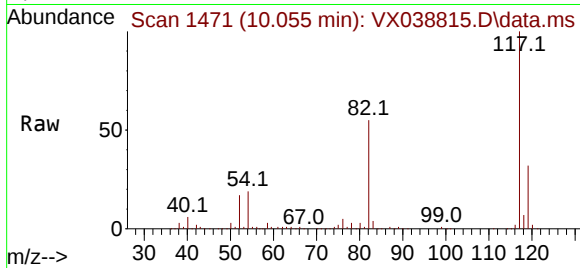




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038815.D
Acq: 14 Nov 2023 18:39

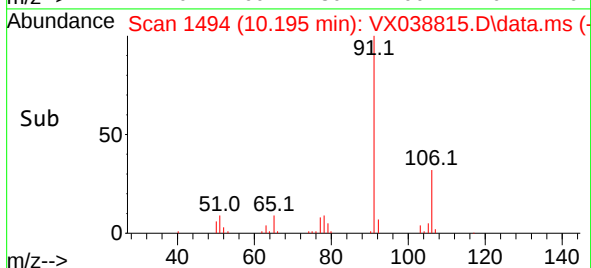
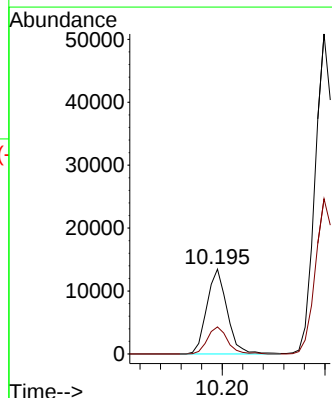
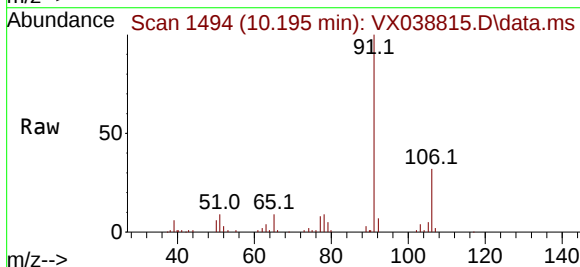
Instrument :
MSVOA_X
ClientSampleId :
S-13

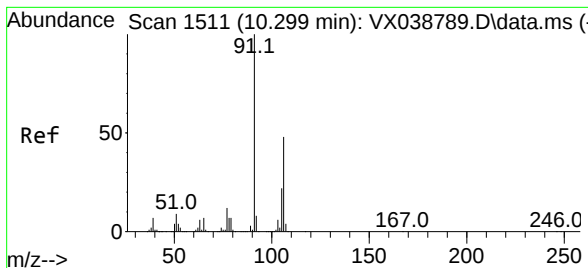
Tgt Ion:117 Resp: 193838
Ion Ratio Lower Upper
117 100
82 54.8 46.2 69.4
119 32.2 25.5 38.3



#67
Ethyl Benzene
Concen: 2.621 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038815.D
Acq: 14 Nov 2023 18:39

Tgt Ion: 91 Resp: 18470
Ion Ratio Lower Upper
91 100
106 31.9 24.9 37.3

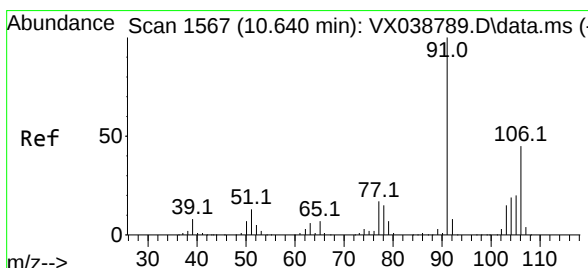
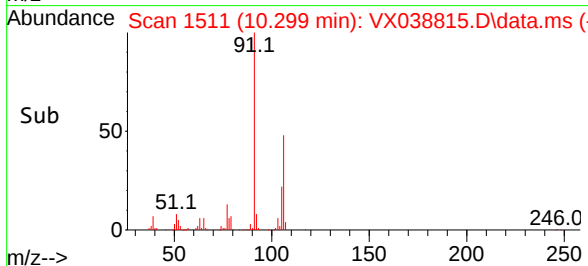
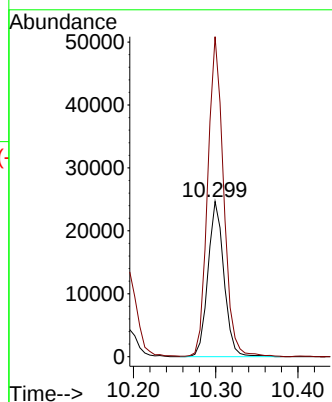
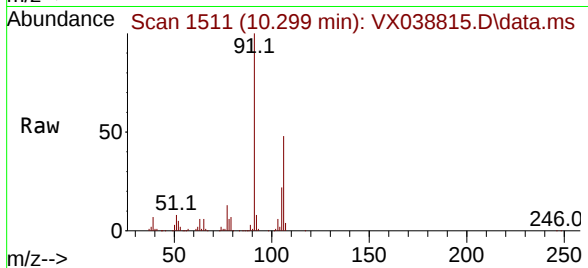




#68
m/p-Xylenes
Concen: 12.401 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX038815.D
Acq: 14 Nov 2023 18:39

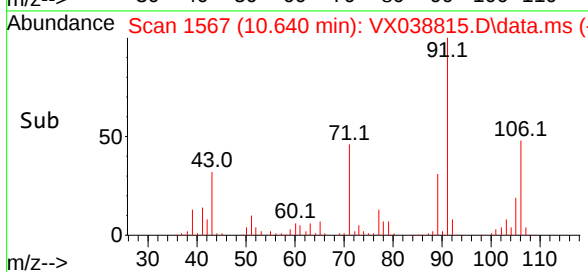
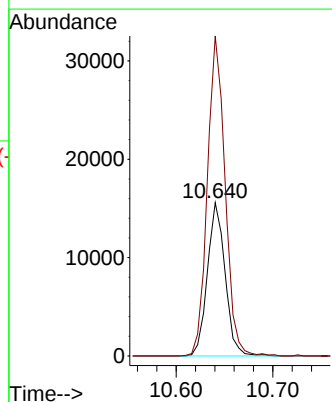
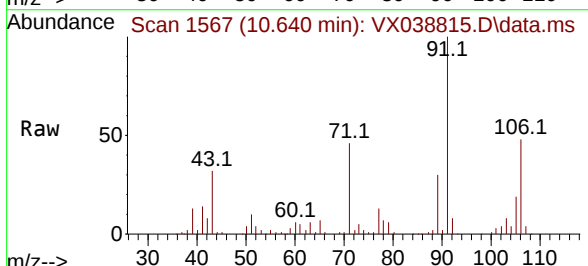
Instrument :
MSVOA_X
ClientSampleId :
S-13

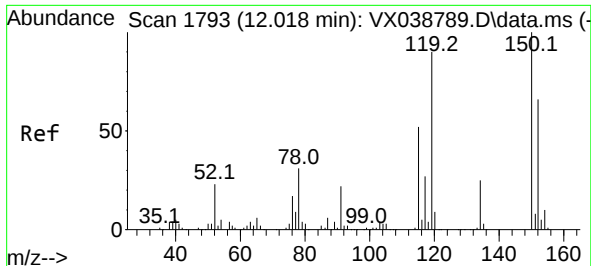
Tgt Ion:106 Resp: 33321
Ion Ratio Lower Upper
106 100
91 205.2 165.5 248.3



#69
o-Xylene
Concen: 7.618 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038815.D
Acq: 14 Nov 2023 18:39

Tgt Ion:106 Resp: 19862
Ion Ratio Lower Upper
106 100
91 209.5 108.9 326.8

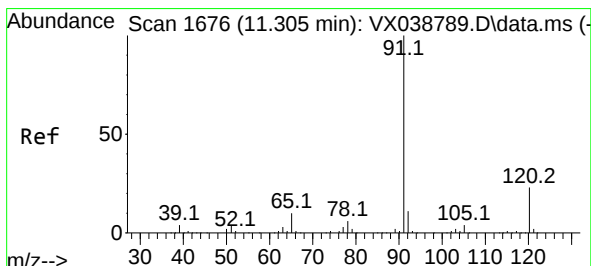
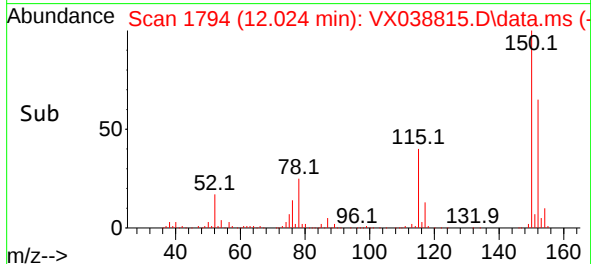
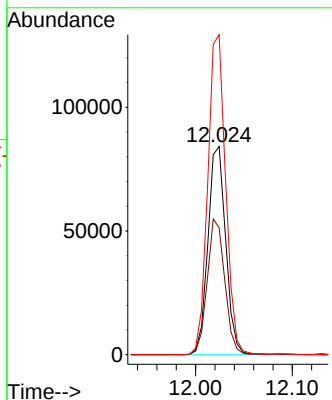
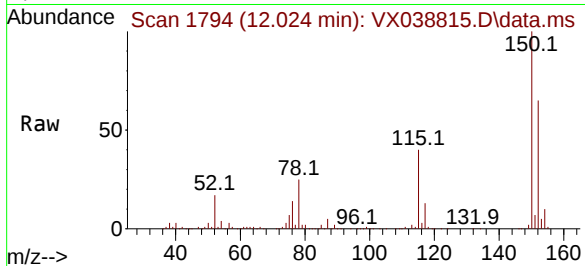




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX038815.D
Acq: 14 Nov 2023 18:39

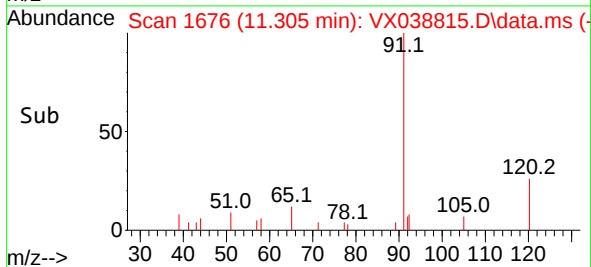
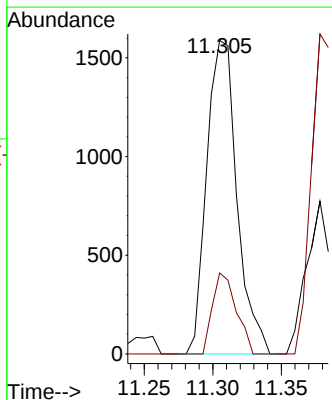
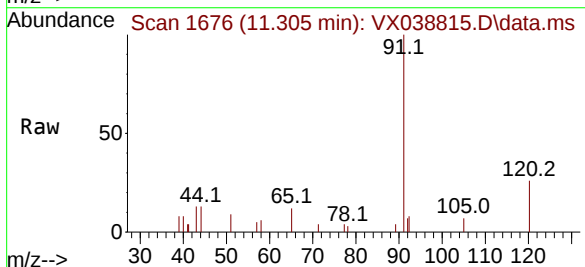
Instrument :
MSVOA_X
ClientSampleId :
S-13

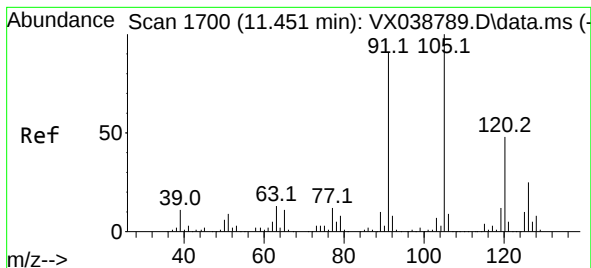
Tgt Ion:152 Resp: 107934
Ion Ratio Lower Upper
152 100
115 64.3 43.3 129.9
150 154.4 0.0 345.0



#78
n-propylbenzene
Concen: 0.272 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX038815.D
Acq: 14 Nov 2023 18:39

Tgt Ion: 91 Resp: 2439
Ion Ratio Lower Upper
91 100
120 20.3 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 0.876 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX038815.D

Acq: 14 Nov 2023 18:39

Instrument :

MSVOA_X

ClientSampleId :

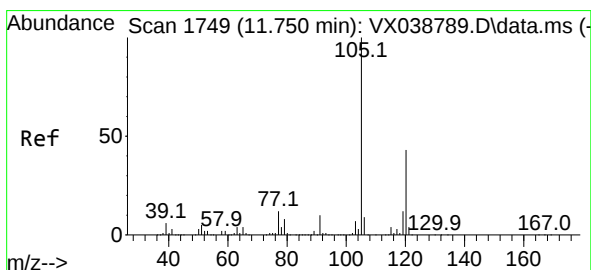
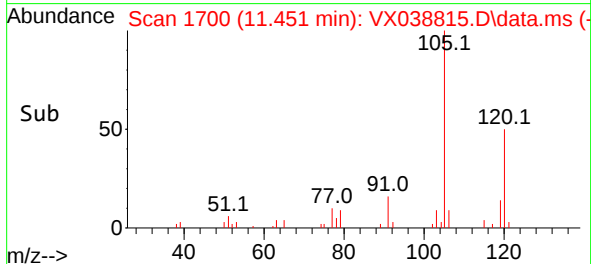
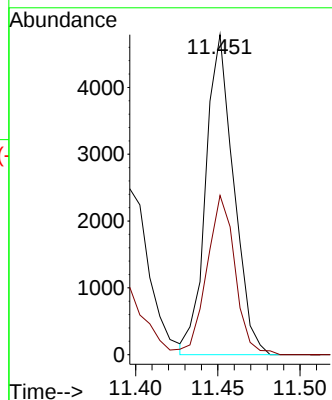
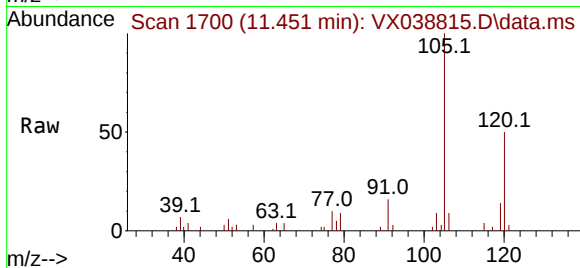
S-13

Tgt Ion:105 Resp: 5651

Ion Ratio Lower Upper

105 100

120 50.4 24.1 72.3



#84

1,2,4-Trimethylbenzene

Concen: 3.345 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX038815.D

Acq: 14 Nov 2023 18:39

Tgt Ion:105 Resp: 21670

Ion Ratio Lower Upper

105 100

120 29.0 21.2 63.6

